

What is claimed is:

1. An assay device for a sample of bodily fluid containing at least one of a plurality of analytes selected for determining its presence, the device comprising:

5 a sample receptor for receiving the sample, the sample receptor being located on the exterior surface of a device housing and allowing the sample to be applied to a transport matrix; and

chemically reacting the sample with at least one chemical reagent corresponding to an assay located on the transport matrix, each reagent chemically reacts with the sample in a

10 corresponding reaction zone located on the transport matrix to produce a reaction product mixture corresponding to each reagent.